

Environmental Protection Agency

§ 421.134

BAT EFFLUENT LIMITATIONS

Pollutant pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead scrap produced	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000

(i) Subpart M—Employee Handwash.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.052	.023
Arsenic .....	.038	.015
Lead .....	.008	.004
Zinc .....	.028	.011
Ammonia (as N) .....	.000	.000

(j) Subpart M—Employee Respirator Wash.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.085	.038
Arsenic .....	.061	.025
Lead .....	.012	.006
Zinc .....	.045	.018
Ammonia (as N) .....	.000	.000

(k) Subpart M—Laundering of Uniforms.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.247	.110
Arsenic .....	.178	.073
Lead .....	.036	.017
Zinc .....	.131	.054
Ammonia (as N) .....	.000	.000

§ 421.134 Standards of performance for new sources.

Any new source subject to this subpart shall achieve the following new source performance standards:

(a) Subpart M—Battery Cracking.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead scrap produced	
Antimony	1.299	.579
Arsenic .....	.936	.384
Lead .....	.189	.087
Zinc .....	.687	.283
Ammonia (as N) .....	.000	.000
Total suspended solids	10.100	8.076
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(b) Subpart M—Blast, Reverberatory, or Rotary Furnace Wet Air Pollution Control.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony	5.038	2.245
Arsenic	3.628	1.488
Lead .....	.731	.339
Zinc	2.662	1.096
Ammonia (as N)	0.000	0.000
Total suspended solids	39.150	31.320
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(c) Subpart M—Kettle Wet Air Pollution Control.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from refining	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000
Total suspended solids000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

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(d) Subpart M—Lead Paste Desulfurization.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead processed through desulfurization	
Antimony .....	.000	.000
Arsenic000	.000
Lead000	.000
Zinc000	.000
Ammonia (as N)000	.000
Total suspended solids000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(e) Subpart M—Casting Contact Cooling.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead cast	
Antimony .....	.042	.019
Arsenic .....	.031	.013
Lead .....	.006	.003
Zinc .....	.022	.009
Ammonia (as N) .....	.000	.000
Total suspended solids .....	.330	.264
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(f) Subpart M—Truck Wash.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.041	.018
Arsenic .....	.029	.012
Lead .....	.006	.003
Zinc .....	.021	.009
Ammonia (as N) .....	.000	.000
Total suspended solids .....	.315	.252
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(g) Subpart M—Facility Washdown.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.000	.000
Arsenic000	.000
Lead000	.000
Zinc000	.000
Ammonia (as N)000	.000
Total suspended solids000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(h) Subpart M—Battery Case Classification.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead scrap produced	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000
Total suspended solids .....	.000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(i) Subpart M—Employee Handwash.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.052	.023
Arsenic .....	.038	.015
Lead .....	.008	.004
Zinc .....	.028	.011
Ammonia (as N) .....	.000	.000
Total suspended solids .....	.405	.324
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(j) Subpart M—Employee Respirator Wash.

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NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.085	.038
Arsenic .....	.061	.025
Lead .....	.012	.006
Zinc .....	.045	.018
Ammonia (as N) .....	.000	.000
Total suspended solids .....	.660	.528
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(k) Subpart M—Laundering of Uniforms.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.247	.110
Arsenic .....	.178	.073
Lead .....	.036	.017
Zinc .....	.131	.054
Ammonia (as N) .....	.000	.000
Total suspended solids	1.920	1.536
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

[49 FR 8826, Mar. 8, 1984, as amended at 49 FR 29795, July 24, 1984]

§ 421.135 Pretreatment standards for existing sources.

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources. The mass of wastewater pollutants in secondary lead process wastewater introduced into a POTW shall not exceed the following values:

(a) Subpart M—Battery Cracking.

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead scrap produced	
Antimony	1.299	.579
Arsenic .....	.936	.384
Lead .....	.189	.087
Zinc .....	.687	.283
Ammonia (as N) .....	.000	.000

(b) Subpart M—Blast, Reverberatory, or Rotary Furnace Wet Air Pollution Control.

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony	5.038	2.245
Arsenic	3.628	1.488
Lead .....	.731	.339
Zinc	2.662	1.096
Ammonia (as N) .....	.000	.000

(c) Subpart M—Kettle Wet Air Pollution Control.

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from refining	
Antimony .....	.087	.039
Arsenic .....	.063	.026
Lead .....	.013	.006
Zinc .....	.046	.019
Ammonia (as N) .....	.000	.000

(d) Subpart M—Lead Paste Desulfurization.